

SUMMARY FOR 1995-2000

REGION	VIOLATIONS (BOD, TSS, and Acute Lethality)	MILLS PROSECUTED			
		FEDERAL (Quebec, Ontario, Atlantic Provinces): <i>Fisheries Act and PPER</i>		QUEBEC: <i>Environmental Quality Act</i>	
QUEBEC 1995-2000	1093	0		1999 ¹	3
				1998 ²	1*
				1996 ³	1
ONTARIO 1996-2000	232	2000 ⁴	1	not applicable	
		1999	0		
		1998 ⁵ ,	2		
		1996 ⁶	1		
		1995 ⁷	2		
ATLANTIC 1995-1998, 2000	1081	1998 ⁸	1	not applicable	
		1996 ⁹	1		
TOTALS	2406	8		5	

NOTE: Estimated mill prosecutions based on material found on government websites, in press releases and discussions with federal and provincial government officials.

**There were 8 convictions shown on the Environment Canada website, but after enquiries made both federally and provincially, no details and confirming information could be obtained (<http://www.ec.gc.ca/enforce/cec98/English/sec5.htm>).*

¹ In 1999 prosecutions were started against Abitibi-Consolidated Inc. (Trois-Rivieres), Emballages Smurfit-Stone Canada Inc. (New Richmond) and Rolland Inc. (Saint-Jerome). http://www.menv.gouv.qc.ca/programmes/bilans/pates_99/index.htm

² In 1998 prosecutions were started against Tripap Inc. (Trois-Rivieres).

³ In 1996 a prosecution began against Fabrique Papiers Malboro Inc. http://www.menv.gouv.qc.ca/programmes/bilans/pates_96/index.htm

⁴ Provincial Papers pleaded guilty to 1 charge under the PPER November 2000.

⁵ Thunder Bay Packaging St. Laurent Paperboard Inc. was charged in 1998 with 20 counts for PPER offences between Jan. 1 to May 31, 1998. In addition, Domtar Packaging (Red Rock Mill) was sentenced in December of 1998 for 4 offences between Dec. 1994 to Oct. 1995 under PPER.

⁶ Domtar Specialty Fine Papers (St. Catherines) was charged on 3 counts under PPER for offences in 1995/96.

⁷ Noranda Forest Inc. (Thorold Specialty Paper) was charged with 6 counts under PPER in 1995 for offences in 94/95. In addition, St. Marys Paper Ltd was charged under OWRA and EPA for several offences dating back to July 1995.

⁸ Irving Pulp and Paper Ltd. (Saint John, NB) was charged in 1998 under the FA (see website <http://atlenv.ns.ec.gc.ca/enforcement/studies.html>).

⁹ Corner Brook Pulp and Paper Ltd. (NFL) was charged in 1996 under the FA (see website <http://atlenv.ns.ec.gc.ca/enforcement/studies.html>).

Appendix 5: Quebec, Ontario and Atlantic Provinces Pulp Mill Violation and Prosecution Data Summary Tables 2

QUEBEC SUMMARY of PULP & PAPER MILL VIOLATIONS 1995 - 2000
 (Violations of BOD, TSS, and Acute Lethality) (only data for mills with multiple violations in 1995 was requested for the period from 1995 to 1999)

Quebec Mills	1995	1996	1997	1998	1999	2000	Total
CASCADES - JONQUIERE	6	7	5	-	-	-	18
DESENCRAGE - MADELEINE	8	9	-	1	-	1	19
DONOHUE / TEMBEC - MATANE	7	8	4	3	-	-	22
ROLLAND - ST. JEROME	17	17	3	5	-	1	43
TEMBEC - TEMISCAMING	101	13	70	51	33	7	275
DOMTAR INC. - BEAUHARNOIS	-	10	-	-	-	-	10
LES PAPIERS PERKINS - LACHUTE	-	4	-	-	-	2	6
LA COMPAGNIE J. FORD - PORNEUF	-	8	-	-	-	4	12
UNIFORET - PORT CARTIER	264	254	6	4	4	23	555
EMBALLAGES SMURFIT - STONE CANADA - LA TUQUE						1	
CARTONS - ST-LAURENT INC. - MATANE						1	
PRODUITS FORESTIERS DONOHUE INC. - ST-FELICIE						1	
PRODUITS FORESTIERS DONOHUE INC. - CLERMONT						3	
CASCADES LUPEL INC. - CAP-DE-LA-MADELEINE						4	
BENNET FLEET INC. - CHAMBLY						1	
FF SOUCY INC. - RIVIERE-DU-LOUP						4	
PAPIER MASSON LTEE - MASSON						1	
KRUGER INC. - BROMPTONVILLE						1	
LA COMPAGNIE GASPESIA-CHANDLER						1	
FIBRES BREAKY - SAINT HELENE DE BREAKYVILLE						4	
SPEXEL INC -BEUHARNOIS						2	
FJORDCELL INC. - JONQUIERE						66	
DOMTAR PAPIERS DE COMMUNICATION - WINDSOR						2	
DOMTAR INC. USINE NORKRAFT - LEBEL-SUR-QUEVILLON						1	
DOMTAR INC. PAPIERS DE SPECIALITE - HULL						2	
PRODUITS FORESTIERS MALETTE QUEBEC - ST. LEONARD						28	
ABITIBI CONSOLIDATED INC. - TROIS RIVIERES						6	
ABITIBI CONSOLIDATED INC. - SHAWINIGAN						2	
ABITIBI CONSOLIDATED INC. - BEUPRE						2	
Total	403	330	88	64	37	171	1093

Appendix 5: Quebec, Ontario and Atlantic Provinces Pulp Mill Violation and Prosecution Data Summary Tables 3

ONTARIO SUMMARY of PULP & PAPER MILL VIOLATIONS 1996 – 2000
 (Violations of BOD, TSS, and Acute Lethality) (only data for mills with multiple violations in 1996 was requested for the period following 1996)

Ontario Mills	1996	1997	1998	1999	2000	Total
ABITIBI - IROQUOIS FALLS		5			2	7
ABITIBI – KENORA		2			1	3
ABITIBI - THUNDER BAY		1				1
BOWATER PULP AND PAPER – THUNDER BAY				5	2	7
DOMTAR – ST. CATHERINES	2					2
FRASER PAPERS – THOROLD	4					4
GALLAHER THOROLD PAPERS		18	40	40		98
GEORGIA PACIFIC – THOROLD	7	5		1		13
ITERLAKE PAPERS – ST. CATHERINES					9	9
KIMBERLEY CLARK - TERRACE BAY	1					1
MALETTE KRAFT - SMOOTH ROCK FALLS	3	1				4
NORAMPAC INC. RED ROCK			12			12
PROVINCIAL PAPERS - THUNDER BAY	14	20			1	35
SONOCO PAPER – TRENTON	1				2	3
SPRUCE FALLS – KAPUSKASING				2		2
STRATHCONA PAPER – NAPANEE	4					4
TEMBEC – SMOOTH ROCK FALLS					1	1
THUNDER BAY PACKAGING	21		5			26
Total	57	52	57	48	18	232

Appendix 5: Quebec, Ontario and Atlantic Provinces Pulp Mill Violation and Prosecution Data Summary Tables 4

ATLANTIC REGION SUMMARY of PULP & PAPER MILL VIOLATIONS 1995 – 2000
(Violations of BOD, TSS, and Acute Lethality)

(only data for mills with multiple violations was requested following 1996)

Newfoundland Mills	1995	1996	1997	1998	2000	Total
ABITIBI - GRAND FALLS	24	10	7		9	50
KRUGER - CORNERBROOK	19	214	63			296
Total	43	224	70	0	9	346

Nova Scotia Mills	1995	1996	1997	1998	2000	Total
BOWATER - BROOKLYN	25	9	24		15	73
CANEXEL - LUNENBURG	12	22	6	3		43
MINAS BASIN - HANTSPORT	3	11			2	16
ABTCO					1	1
CKF					1	1
STORA ENSO - PORT HAWKESBURY	16	1				17
Total	56	43	30	3	19	151

New Brunswick Mills	1995	1996	1997	1998	2000	Total
REPAP / AV CELL - MIRACMICH	21	24		4		49
AV CELL - AHTOL					33	33
REPAP GROUNDWOOD - MIRAMICHI	11					11
REPAP KRAFT					2	2
FRASER - EDMUNSTON	22	10	2		1	35
IRVING - SAINT JOHN	11	203	49	24	22	309
IRVING - ROTHESAY	14				1	15
IRVING - LAKE UTPOIA	33	8	7	2		50
AVENOR MARITIMES - DALHOUSIE	12	5				17
ST. ANNE - NACKAWIC	5					5
SMURFIT-STONE - BATHURST	35	22			1	58
Total	164	272	58	30	60	584

QUEBEC MILLS WITH MORE THAN 3 VIOLATIONS:

- “*” indicates mills for which 1997-98 data was requested
- mills with fewer than 3 violations are not included in these summary charts unless data was requested for that mill for 1997-98 or for 2000.

QUEBEC, 1995:

6 mills responsible for 403 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
DONOHUE MATANE INC.			7	13 ¹
TEMBEC INC.	2 daily	1 daily	98	222 ¹
UNIFORET PORT- CARTIER	23 daily	228 daily	13	35 ¹
ROLLAND INC. (ST. JEROME)			17	26 ¹
CASCADES JONGUIERE INC.		2 daily	4	14 ¹
DESENCRAGE CASCADES			8	73 ¹

QUEBEC, 1996:

9 mills responsible for 330 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
DONOHUE MATANE INC.			8	1 ¹
TEMBEC INC.	1 daily		12	15 ¹
UNIFORET PORT- CARTIER	19 daily 2 monthly	210 daily 10 monthly	13	37 ¹
ROLLAND INC. (ST JEROME)			17	26 ¹
CASCADE JONGUIERE INC.		2 daily 1 monthly	4	14 ¹
DESENCRAGE CASCADES			9	58 ¹
DOMTAR INC. - BEAUHARNOIS		2	8	2 ¹
LA COMPAGNIE J. FORD - PORNEUF	1		7	26 ¹
LES PAPIERS PERKINS - LACHUTE			4	5 ¹

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

QUEBEC, 1997:

6 mills responsible for 88 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
DONOHUE MATANE INC.			4	1 ¹
TEMBEC INC.	5 daily		65	142 ¹
UNIFORET PORT- CARTIER	3 daily		3	9 ¹
ROLLAND INC. (ST JEROME)			3	1 ¹
CASCADE JONGUIERE INC.			5	22 ¹
DESENCRAGE CASCADES				62 ¹

QUEBEC, 1998:

5 mills responsible for 64 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
DONOHUE MATANE INC.			3	3 ¹
TEMBEC INC.	7 daily		44	58 ¹
UNIFORET PORT- CARTIER			4	8 ¹
ROLLAND INC. (ST JEROME)			5	2 ¹
DESENCRAGE CASCADES (ST HELENE)			1	25 ¹

QUEBEC, 1999:

2 mills responsible for 37 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
TEMBEC INC.	8 daily		25	50 ¹
UNIFORET SCIERIE- PATE – PORT- CARTIER		2	2	4 ¹

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

Appendix 5: Quebec, Ontario and Atlantic Provinces Pulp Mill Violation and Prosecution Data Summary Tables 7

QUEBEC, 2000:

36 mills responsible for 171 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
EMBALLAGES SMURFIT - STONE CANADA - LA TUQUE			1	1 ¹
CARTONS - ST- LAURENT INC. - LA TUQUE				2 ¹
CARTONS - ST- LAURENT INC. - MATANE			1	2 ¹
PRODUITS FORESTIERS DONOHUE INC. - BAIE COMEAU				1 ¹
ROLLAND INC. - SAINT-JEROME			1	2 ¹
PRODUITS FORESTIERS DONOHUE INC. - ST-FELICIEN			1	1 ¹
PRODUITS FORESTIERS DONOHUE INC. - CLERMONT			3	27 ¹
CASCADES LUPEL INC. - CAP-DE-LA- MADELEINE	2		2	
BENNET FLEET INC. - CHAMBLY	1			
EMCO LIMITEE - PONT-ROUGE				1 ¹
FF SOUCY INC. - RIVIERE-DU-LOUP			4	15 ¹
PAPIER MASSON LTEE - MASSON	1			
LA COMPAGNIE J. FORD LIMITEE - PORNEUF			4	18 ¹
KRUGER INC. - BROMPTONVILLE			1	
LA COMPAGNIE GASPESIA- CHANDLER			1	
DESENCRAGE CMD INC. - CAP- DE-LA-MADELEINE			1	

Appendix 5: Quebec, Ontario and Atlantic Provinces Pulp Mill Violation and Prosecution Data Summary Tables 8

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
FIBRES BREAKEY, DIVISION DE ROLLAND - SAINT HELENE DE BREAKEYVILLE			4	10 ¹
SPEXEL INC - BEUHARNOIS			2	5 ¹
TEMBEC MATANE INC. - MATANE				1 ¹
TEMBEC INC. - TEMISCAMING	2		5	2 ¹
TRIPAP INC. - TROIS-RIVIERES				19 ¹
UNIFORET SCIERE-PATE INC. - PORT CARTIER	20	1	2	7 ¹
FJORDCELL INC. - JONQUIERE	25	32	9	28 ¹
LES PAPIERS PERKINS LIMITEE - LACHUTE			2	5 ¹
DOMTAR PAPIERS DE COMMUNICATION - WINDSOR			2	5 ¹
DOMTAR INC. USINE NORKRAFT - LEBEL-SUR- QUEVILLON			1	1 ¹
DOMTAR INC. PAPIERS DE SPECIALITE - HULL			2	
PRODUITS FORESTIERS MALETTE QUEBEC - ST. LEONARD DE PORTNEUF	16	7	5	
ABITIBI CONSOLIDATED INC. - JONQUIERE				1 ¹
ABITIBI CONSOLIDATED INC. - GRAND- MERE				2 ¹
ABITIBI CONSOLIDATED INC. - LA BAIE				1 ¹

Appendix 5: Quebec, Ontario and Atlantic Provinces Pulp Mill Violation and Prosecution Data Summary Tables 9

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
ABITIBI CONSOLIDATED INC. - TROIS RIVIERES			6	3 ¹
ABITIBI CONSOLIDATED INC. - SHAWINIGAN			2	7 ¹
ABITIBI CONSOLIDATED INC. - BEUPRE			2	1 ¹
PRODUITS FORESTIERS ALLIANCE - DONNACONNA				2 ¹
PAPIERS SCOTT LIMITEE - LENNOXVILLE				7 ¹

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

ONTARIO, 1996:

9 mills responsible for 57 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
DOMTAR SPECIALTY			2	1 ¹
GEORGIA PACIFIC CANADA INC.			7	20 ¹
FRASER PAPERS INC			4	21 ¹
KIMBERLEY-CLARK			1	3 ¹
MALETTE KRAFT PULP AND POWER			3	8 ¹
PROVINCIAL PAPERS INC.		2 daily	12	
SONOCO LTD.			1	3 ¹
STRATHCONA PAPER CO.			4	
THUNDER BAY PKG. INC.	2 daily	3 daily	16	

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

ONTARIO, 1997:

10 mills responsible for 52 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
ABITIBI CONS. – IROQUOIS FALL			5	5 ¹
ABITIBI CONS. - KENORA	2 daily			2 ¹
ABITIBI CONS. – THUNDER BAY			1	2 ¹
DOMTAR PAPERS ST. CATHERINES				3 ¹
GEORGIA PACIFIC CANADA INC.			5	8 ¹
GALLAHER THOROLD PAPERS		16 daily 1 monthly	1	15 ¹
MACMILLAN BLOEDEL				3 ¹
MALETTE KRAFT PULP AND POWER			1	6 ¹
PROVINCIAL PAPERS INC.		1 daily	19	2 ¹
SONOCO LTD.				5 ¹

ONTARIO, 1998: (January to June only, data for the second half of 1998 was not provided)

4 mills responsible for 57 violations in just 6 months

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
GALLAGHER THOROLD PAPERS		21 daily 7 monthly	12	9 ¹
MACMILLAN BLOEDEL				3 ¹
NORAMPAC INC. RED ROCK	11 daily 1 monthly			
THUNDER BAY PACKAGING			5	

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

ONTARIO, 1999:

6 mills responsible for 48 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
BOWATER THUNDER BAY		2 daily	3	2 ¹
GALLAGHER THOROLD PAPERS		33 daily 2 monthly	5	3 ¹
GEORGIA-PACIFIC THOROLD			1	
SPRUCE FALLS KAPUSKASING			2	
SONOCO LTD TRENTON				1 ¹

ONTARIO, 2000:

12 mills responsible for 18 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
ABITIBI CONS. – FORT FRANCES				2 ¹
ABITIBI CONS. – IROQUOIS FALL			2	25 ¹
ABITIBI CONS. - KENORA		1 daily		11 ¹
BOWATER P+P THUNDER BAY			2	2 ¹
DOMTAR PAPERS CORNWALL				1 ¹
INTERLAKE PAP'S ST. CATHERINES			9	2 ¹
MACMILLAN BLOEDEL STURGEON FALLS				1 ¹
PROVINCIAL PAPERS INC.			1	
SPRUCE FALLS KAPUSKASING				18 ¹
SONOCO LTD. TRENTON			2	7 ¹
ST. MARY'S SAULT ST. MARIE				23 ¹
TEMBEC-SMOOTH ROCK FALLS			1	

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

ATLANTIC MILLS WITH MORE THAN 3 VIOLATIONS:

- “*” indicates mills for which 1997-98 data was requested
- mills with fewer than 3 violations are not included in these summary charts unless data was requested for that mill for 1997-98

NEW BRUNSWICK, 1995:

9 mills responsible for 164 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*REPAP ALCL-ATHOL	1 daily	14 daily 3 monthly	3	2 ¹
*FRASER-EDMONSTON	1 monthly	4 daily 4 monthly	13	
*IRVING P&P&T, ST. JOHN			11	10 ¹
IRVING PAPER ROTHESAY		4 monthly	10	10 ¹
*IRVING - LAKE UTOPIA			33	1 ¹
REPAP NB - GROUNDWOOD			11	11 ¹
AVENOR MARITIMES			12	12 ¹
ST. ANNE NACKAWIC		3 daily 2 monthly		
*STONE CONTAINER	18 daily 5 monthly	3 daily 1 monthly	8	

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

NEW BRUNSWICK, 1996 (Jan to October):

6 mills responsible for 272 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*REPAP ALCL-ATHOL (ALCELL)	6 daily 1 monthly	13 daily 1 monthly	3	1 ¹ (shut down most of year)
*FRASER-EDMONSTON	2 daily 2 monthly	4 daily 1 monthly	1	
*IRVING P&P & T, ST. JOHN		101 daily 5 monthly	97	107 ¹
IRVING PAPER ROTHESAY				
*IRVING - LAKE UTOPIA			8	1 ¹
AVENOR MARITIMES	2 daily	1 monthly	2	5 ¹
*STONE CONTAINER	14 daily 1 monthly	2 daily 1 monthly	4	6 ¹

NEW BRUNSWICK, Jan/1997-Dec/1997

3 mills responsible for 58 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*FRASER-EDMONSTON			2	
*IRVING P&P & T, ST. JOHN	no limits provided - violations not identifiable	no limits provided - violations not identifiable	49	89 ¹
*IRVING - LAKE UTOPIA	1 daily		6	

NEW BRUNSWICK, Jan/1998-June/1998

3 mills responsible for 53 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*REPAP ALCL-ATHOL (ALCELL)		2 daily	2	2 ¹
*IRVING P&P & T, ST. JOHN	no limits provided - violations not identifiable		24	41 ¹
*IRVING - LAKE UTOPIA	no limits provided - violations not		2	2 ¹

	identifiable			
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NEW BRUNSWICK, 2000

6 mills responsible for 60 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
AV Cell Inc - ATHOL	15 daily 4 monthly	2 daily 3 monthly	9	7 ¹
*REPAP NB Kraft			2	10 ¹
*FRASER- EDMONSTON		1 monthly		
*IRVING P&P TISS.	1 daily	9 daily 7 monthly	5	5 ¹
*IRVING ROTHESAY			1	
SMURFIT – STONE			1	

NOVA SCOTIA, 1995:

4 mills responsible for 89 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*BOWATER			25	23 ¹
*CANEXEL	2 daily 1 monthly	2 daily	7	4 ¹
MINAS BASIN			3	13 ¹
STORA	4 daily 1 monthly	1 monthly	10	10 ¹

NOVA SCOTIA, 1996:

4 mills responsible for 43 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*BOWATER			9	
*CANEXEL	10 daily		12	29 ¹
MINAS BASIN	1 daily	5 daily 4 monthly	1	4 ¹
STORA	1 daily			1 ¹

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

NOVA SCOTIA, 1997:

2 mills responsible for 30 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*BOWATER	1 monthly	1 daily	22	3 ¹
*CANEXEL			6	11 ¹

NOVA SCOTIA, 1998:

2 mills responsible for 3 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*BOWATER	0	0	0	1 ¹
*CANEXEL	0	0	3	9 ¹

NOVA SCOTIA, 2000

4 mills responsible fore 16 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*BOWATER MERSEY	2 daily	0	13	1 ¹
*ABTCO			1	
MINAS BASIN		1 daily	1	3 ¹
CKF			1	1 ¹

NEWFOUNDLAND, 1995:

2 mills responsible for 43 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*ABITIBI- CONSOL - G.F.			24	23 ¹
*CORNERBRK. PULP & PAPER	1 monthly	1 monthly	17	18 ¹

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

NEWFOUNDLAND, 1996

2 mills responsible for 223 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*ABITIBI- CONSOL - G.F.	1 monthly	1 daily 1 monthly	7	21 ¹
*CORNERBRK. PULP & PAPER	6 daily no monthly max.	161 daily no monthly max	47	135 ¹

NEWFOUNDLAND, 1997

2 mills responsible for 70 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*ABITIBI- CONSOL - G.F.	5 daily		2	63 ¹
*CORNERBRK. PULP & PAPER	1 daily no monthly max.	46 daily no monthly max.	16	52 ¹

NEWFOUNDLAND, 1998 (Jan to June)

2 mills responsible for 0 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*ABITIBI- CONSOL - G.F.				1 ¹
*CORNERBRK. PULP & PAPER				5 ¹

NEWFOUNDLAND, 2000

1 mill is responsible for 9 violations

COMPANY	TSS	BOD	TROUT 96hrLD50	DAPHNIA 48hrLD50
*ABITIBI- CONSOL - G.F.			9	3 ¹

¹ Daphnia failures do not necessarily constitute violations, unless a violation of procedure results (see Appendix 7 for a complete explanation)

Ontario (33) and Quebec (61) Pulp & Paper Mills

Ontario - 33 Mills	Quebec – 61 Mills*
Norampac Inc. - Mississauga	Abitibi Price Inc. – Alma
Kruger – Toronto	Abitibi Price Inc. – Jonquiere
Norampac Inc. – Red Rock	Avenor Inc.
Norampac Inc. – Trenton Div.	Bennet Fleet Inc.
Kimberly Clark Forest Products Inc. (Terrace Bay)	Cartons Recycles de Montreal Inc.
Kimberly Clark Canada Inc.	Cartons St. Laurent Inc. – La Tuque
Interlake Acquisition Corporation	Cartons St. Laurent Inc. – Matane
Bowater Pulp & Paper Canada Inc.	Cascades East Angus Inc. – East Angus
Weyerhaeuser Canada Ltd. – Dryden	Cascades Inc. – Joliette
Fort James Marathon Ltd. (Marathon Pulp Inc.)	Cascades Lupel Inc.
Provincial Papers Inc. (Thunder Bay)	CDM Lamines Inc.
Abitibi Consolidated Inc. – Fort William	Compagnie Abitibi Price Inc. – Beaufre
St. Mary’s Paper Ltd.	Compagnie Gaspesia Ltee
Abitibi Consolidated Inc. – Iroquois Falls	Complexe Cascades Inc. – Kingley
Tembec Industries Ltd.	Corp. Stone Consolidated – Shawinigan
Abitibi Consolidated Inc. – Kenora	Corp. Stone Consolidated – Grand-Mere
Abitibi Consolidated Inc. – Fort Frances	Corp. Stone Consolidated – La Baie
Donohue Forest Products Inc.	Corp. Stone Consolidated – Trois Rivieres
Gallaher Thorold Paper Co.	Daishowa Inc.
EB Eddy Forest Products Ltd. (184)	Donohue Matane Inc.
EB Eddy Forest Products Ltd. (186)	Desencrage Cascades – Sainte Helene
Spruce Falls Inc. – Kapuskasing	Desencrage CMD Inc. – Madeleine
Weyerhaeuser Company Ltd. – Sturgeon	Emballages Stone Inc. – New Richmond
Georgia Pacific Canada Inc. (Thorold)	Emballages Stone Inc. – Litchfield
Strathcona Paper Co. (Napanee)	EMCO Ltee – Pont Rouge
Sonoco Ltd. – Brantford	EMCO Ltee – Lasalle
Sonoco Ltd. – Glen Miller	F.F. Soucy Inc.
Thunder Bay Packaging Inc.	Glassine Canada Inc.
Domtar Inc. – Cornwall	Industries James Maclaren Inc. – Masson
Domtar Inc. – Espanola	Industries James Maclaren Inc. – Thurso
Domtar Inc. – Ottawa	J. Ford Itee
Domtar Inc. – St. Catherines	Kruger Inc. – Bromptonville
Domtar Inc. - Toronto	Kruger Inc. – Montreal
	Kruger Inc. – Trois Rivieres
	Materiaux Cascades Inc. – Louiseville
	Norampac Inc. – Cabano
	Norkraft Quevillon Inc.
	Paperboard Cartech Inc.
	Paperboard Jonquiere
	Papiers Domtar – Windsor
	Papiers Perkins Ltee – Candiac
	Papiers Perkins Ltee –Lachute
	Papiers Scott Ltee – Crabtree
	Papiers Scott Ltee – Hull
	Papiers Scott Ltee – Lennoxville
	Pate Mohawk Ltee
	Produits Desbiens Inc.
	Produits Forestiers Alliance Inc. - Dolbeau
	Produits Forestiers Alliance Inc. – Donnacona
	Produits Forestiers Donohue Inc. – Amos
	Produits Forestiers Donohue Inc. – Clermont
	Produits Forestiers Donohue Inc. – Saint Felicien
	Produits Forestiers Donohue Inc. – Baie Comeau
	Produits Forestiers EB Eddy Itee
	Produits Forestiers Malette Quebec Inc.
	Rolland Inc. – Saint Jerome
	Sonoco Ltee
	Spexel Inc.
	Tembec Inc. – Temiscaming
	Tripap Inc.
	Uniforet – Pate Port Cartier Inc.

*May be as high as 66 mills for Quebec http://www.menv.gov.qc.ca/programmes/bilans/pates_99/index-en.htm

Atlantic Provinces – 22 Pulp & Paper Mills

Newfoundland – 3 Mills	Nova Scotia – 6 Mills
Abitibi Consolidated Inc. – Grand Falls	Minas Basin Pulp & Paper Co. Ltd. - Hantsport
Abitibi Consolidated Inc. - Stephenville	Stora Enso Port Hawkesbury Mill – Port Hawkesbury
Kruger Inc. – Corner Brook	Bowater
	Can exel
	Abtco
	CKF

New Brunswick – 13 Mills
St. Anne-Nackawic Pulp Co. Ltd. - Nackawic
Bowater Maritimes Inc. – Dalhousie Pulp and Paper Mill
Irving Paper – St. John (Bayside Drive Mill)
Lake Utopia Paper
Smurfit Stone – Bathurst Pulp and Paper Mill
UPM-Kymmene – Miramichi Kraft Pulp and Paper Mill
AV Cell – Atholville
Fraser Papers – Edmundston Pulp Mill
Irving Paper – Rothsay
Fraser Edmonston
Stone Container
Avenor Maritimes
Repap NB Groundwood

Ontario data source: MISA regs. cross-referenced with members of pulp and paper association

Quebec data source: Enviro. Quebec www.menv.gouv.qc.ca/programmes/bilans/pates_96/annexe6.htm

Data Source: New Brunswick, Clean air act

Data Source: Newfoundland FPAC–Manufacturing Companies Members Directory

www.cppa.org/english/cppa/members/allmem.htm and also Encyclopedia of Newfoundland and Labrador

Data Source: Nova Scotia, FPAC–Manufacturing Companies Members Directory www.cppa.org/english/cppa/members/allmem.htm

Total Number of Pulp and Paper Mills In Quebec, Ontario and Atlantic Provinces - 116